

REMARKS

In sections 1 and 2 of the Office Action, the Examiner objected to the Abstract. A new Abstract is being provided that overcomes the Examiner's objection.

In section 4 of the Office Action, the Examiner rejected certain claims under 35 U.S.C. §112, first paragraph, as not being supported by an enabling disclosure. Those claims are cancelled.

New claim 36 corresponds to old claim 14 written in independent form. Accordingly, because old claim 14 was indicated as being allowable if written in independent form, new claim 36, and its dependent claims 37-44, should now be allowable.

New claim 45 corresponds to a combination of old claims 17 and 30. Accordingly, because old claim 30 was indicated as being allowable, new claim 45, and its dependent claims 46-57, should now be allowable.

New claim 58 is directed to an apparatus comprising a fiber optic light source, a filter, and an interferometric optical gyroscope. The fiber optic light source provides a light output and includes a pump laser and a length of doped optical fiber. The length of doped optical fiber is configured to receive light from the light pump and to re-emit the light with a predetermined

spectrum and mean wavelength between 1515nm and 1545 nm so that the light output of the fiber optic light source is substantially unaffected when the fiber optic light source is exposed to weapons level radiation. The filter filters the light output to remove light having a mean wavelength greater than 1545 nm. The interferometric optical gyroscope is coupled to receive the filtered light output.

The Rozelle patent discloses a fiber optic light source having a pump laser 14 and a length of doped optical fiber 26. However, the Rozelle patent does not disclose a filter that filters the light output of the light source so as to remove light having a mean wavelength greater than 1545 nm.

Accordingly, the Rozelle patent does not anticipate independent claim 58 and dependent claims 59-68.

The Ang patent discloses a fiber optic light source having a pump laser 28 and a length of doped optical fiber 15. However, the Rozelle patent does not disclose a filter that filters the light output of the light source so as to remove light having a mean wavelength greater than 1545 nm.

Accordingly, the Ang patent does not anticipate independent claim 58 and dependent claims 59-68.

The Falquier patent similarly does not disclose a filter that filters the light output of a light source so as to remove light having a mean wavelength greater than 1545 nm.

Accordingly, the Falquier patent does not anticipate independent claim 58 and dependent claims 59-68.

Moreover, the Rozelle patent, the Ang patent, and/or the Falquier patent do not suggest the inventions of independent claims 36, 45, and 58. Therefore, independent claims 36, 45, and 58 and the claims dependent thereon are patentable over the Rozelle patent, the Ang patent, and/or the Falquier patent.

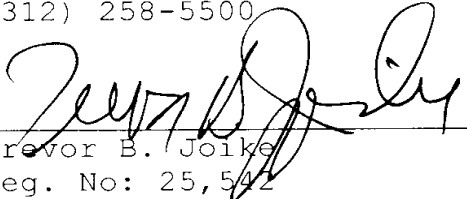
CONCLUSION

In view of the above, it is clear that the claims of the present application patentably distinguish over the art applied by the Examiner. Accordingly, allowance of these claims and issuance of the above captioned patent application are respectfully requested.

Respectfully submitted,

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